Mini Hydel schemes in Andhra Pradesh

1450. SHRI YERRA NARAYANSWAMY: Will the PRIME MINISTER be pleased to state:

(a) whether any mini-hydel schemes have been grounded in Andhra Pradesh in 1994-95;

(b) the details of such projects which have actually been grounded; and

(c) the targets for development of mini-hydel schemes in Andhra Pradesh in 1994-95?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI S. KRISHNA KUMAR): (a) to (b) Yes, Sir. As per the information furnished by the State Government, two mini hydel projects have actually been grounded in Andhra Pradesh in 1994-95. The two projects of 1 MW capacity each are located on Distributory-83 Canal of Sriram Sagar Project in Karimnagar District. They are likely to be commissioned by March, 1995.

(c) Five mini hydel projects of aggregate capacity 4.8 MW have been approved under the subsidy scheme of the Ministry of Non-Conventional Energy Sources. They are likely to be commissioned during 1996-67. 19 projects (upto 15 MW station capacity) aggregating to 54 MW have been allotted to private developers. In addition, 72 projects (upto 15 MW station capacity) of total capacity 20 MW have been advertised for allotment to private developers on first-come-first serve basis.

Participation of Foreign companies in the non conventional Energy Production

1451. SHRI SURINDER KUMAR SINGLA:
DR. SHRIKANT RAMCHADNRA JICHKAR:

Will the PRIME MINISTER be pleased to state:

(a) whether any foreign compaiy or companies have come into India in the field by Non-Conventional Energy production;

(b) what are the details thereof; and

(c) what is being done to encourage more companies to enter the Indian scene in this area?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI S. KRISHNA KUMAR): (a) and (b) Interest has been shown by many foreign companies/establishments for collaboration with Indian companies/ establishments in the field of Non-Conventional Energy production. A list of recent tie ups which have taken place between Indian and foreign companies/establishments is given in Statement. (*See* below)

(c) Government has extended many incentives for encouraging more companies to enter the Indian scene in this area, the main features of which are as follows:

*Liberalized licencing policy to facilitate setting up of industries or foreign collaboration. Foreign investment is encouraged and automatic clearance procedures have been established.

*Customs duty on a number of imported items have been exempted/reduced.

*Non-conventional energy equipments are exempt from sales-tax and excise duties.

*5 year's tax holiday applicable to power generation projects.

*100 per cent depreciation allowed in the first year.

*Non-conventional energy-based power projects are allowed wheeling, banking, third party sale and buy-back by State Electricity Boards (SEBs).

*Power purchase agreement with State Electricity Boards.

*Soft loan facility from Indian Renewable Energy Development Agency (IREDA).

*Loan facilities from other financial Institutions.

Statement

Following MOUs have been signed during recent past between Indian and foreign business groups for co-operation in the field of renewable energy:

(i) A Memorandum of Undertanding has been signed between Thermax Ltd. and the Future Energy Resources Company (FERCO) for a joint venture on advanced biomass gasification.

(ii) MOU among the partners in a US-India-Canada-Consortium to develop the project on biomass cogeneration at a Sugar Mill in India.

(iii) MOU between the Consortium, the Tata Energy Research Institute, and Simbhaoli Sugar Mills Ltd. (India) for the purpose of pre-feasibility analysis on biomass cogeneration in sugar mill.

(iv) MOU between Energy International Corporation, USA, Tata Energy Research Institute and Willard India Ltd. for the purpose of pre-feasibility analysis on biomass cogeneration in a sugar mill.

(v) MOU between Bharat Electronics Ltd., of India and M|s. Spire of US in the area of Solar Photovoltaics.

(vi) MOU between M|s. Emgee Solar of India with M|s. Martin Marietta of US in the area of solar photovoltaics.

(vii) MOU to establish a manufacturing line that will assemble photovoltaic moduels of components manufactured in the US between Solec, USA and Solec Pentafour, India.

(viii) MOU between Cannon Power, California, USA and Bangur Group of Calcutta to construct a 25 MW wind farm. Cannon is the first US Wind Energy Company to open a permanent office in India.

(ix) MOU between Energy Conversion Devices|Ovonic Battery Company of USA and Delton Cables Ltd. of India to form a joint venture for manufacturing and sale of Ovonic nickel metal hydride rechargeable batteries.

(x) Announcement by Manufacturing and Technology Conversion International (MTCI) of USA for its affiliation with Esvinn Advanced Technologies Ltd. of India for cooperation in the field of Steam Reformer Technology of pollution abatement, energy and chemical recovery in pulp and paper mills, sugar mills and distilleries.

(xi) MOU between CII and US Export Council for renewable energy for cooperation in the field of renewable energy activities.

(xii) M|s. Siemens Solar announced commencement of their Indian operations in the area of solar photovoltaics.

(xiii) Western Paques (India) Ltd. has signed an MOU with Ho Chi Minh and Hanoi Municiple Corporation, Vietnam to process municiple solid waste to solve long unresolved, environmental hazard of waste disposal problem of Ho Chi Minh city and produce energy and manure as a by-product. Western Paques have also signed MOUs with the Municipal Corporation of Ankara City (Turkey), Istanbul City (Turkey) and Chiang Mai city (Thailand).

(xiv) MOU between M|s. Thermochem Inc., California, USA and M|s. Ajinkyatara Cooperative Sugar Mills, Maharashtra for a 10 MW Power Project through bagasse gasification.

(xv) MOU between M/s. CTBR, France and M|s. Esquire Energy Ltd., Bombay for projects in sugar mills for bagasse cogeneration.

(xvi) A technical collaboration venture between Tata BP Solar (Pvt.) Ltd., Bangalore and BP Solar UK foor manufacturing solar photovoltaic modules and systems with an installed capacity of 1 MW per year has been set up at Electronic City, Bangalore.

(xvii) M|s. Webel-SL Energy Systems, West Bengal and Helios of Italy are setting up a project for manufacturing of solar cells, photovoltaic modules and systems.

(xviii) M|s. Eco Solar, Pune is working with University of Colorado, USA for developing Cadmium Telluride-based Photovoltaic Modules with an annual capacity of 700 KW.

(xix) M|s. Sun Source Cannon Energy Ltd., India and M|s. Canan Power Corpn., USA are setting up a joint venture at a total cost of Rs. 60 crores for alternate energy project like solar, wind etc. in India.

(xx) M|s. Owimax Services India Ltd. and M|s. Owimax of Russia are setting up a joint venture for providing services in India in the field of photovoltaics, semiconductors, non-conventional energy soruces and pollution control.

(xxi) M|s. Peerless Developers Ltd., Calcutta and M|s. Frazer Nash Research Ltd., U.K. are starting a joint venture for manufacture of solar passenger transport vehicles powered by batteries, supplemented by photovoltaic charging.

पदाधिकारियों के विरुद्ध गठित किए गए जांच आयोग

1452. **श्री नागमणि :** क्या **प्रधान मंत्री** यह बताने की कृपा करेंगे कि :

(क) पिछले 10 वर्षों के दौरान सार्वजनिक जीवन में कार्यरत शीर्ष पदाधिकारियों के विरुद्ध लगाए गए आरोपों की जांच करने, विभिन्न सरकारी विभागों, कार्यक्रमों इत्यादि में दोषों और कमियों की जांच करने और इनमें सुधार करने हेतु सुझाव देने के उद्देश्य से कुल कितने आयोग कब-कब और किन-किन मामलों में गठित किए गए थे ;

(ख) कितने आयोगों की सिफारिशों पर समुचित कार्यवाही पूरी की गई है और कितने आयोगों की सिफारिशों पर आंशिक रूप से कार्यवाही की गई है और कितने आयोगों की सिफारिशों पर कार्यवाही अभी भी लम्बित है ; और

(ग) क्या सरकार द्वारा ऐसे आयोगों द्वारा प्रस्तुत किए गए प्रतिवेदनों पर कार्यवाही करने के लिए कोई कार्यक्रम तैयार किया गया है अथवा तैयार किए जाने का प्रस्ताव है ?

कार्मिक लोक शिकायत तथा पेंशन मंत्रालय में राज्य मंत्री (श्रीमती मारग्रेट आल्वा) (क) इस मंत्रालय ने पिछले 10 वर्षों में किसी भी शीर्ष पदाधिकारी